

Figure 1

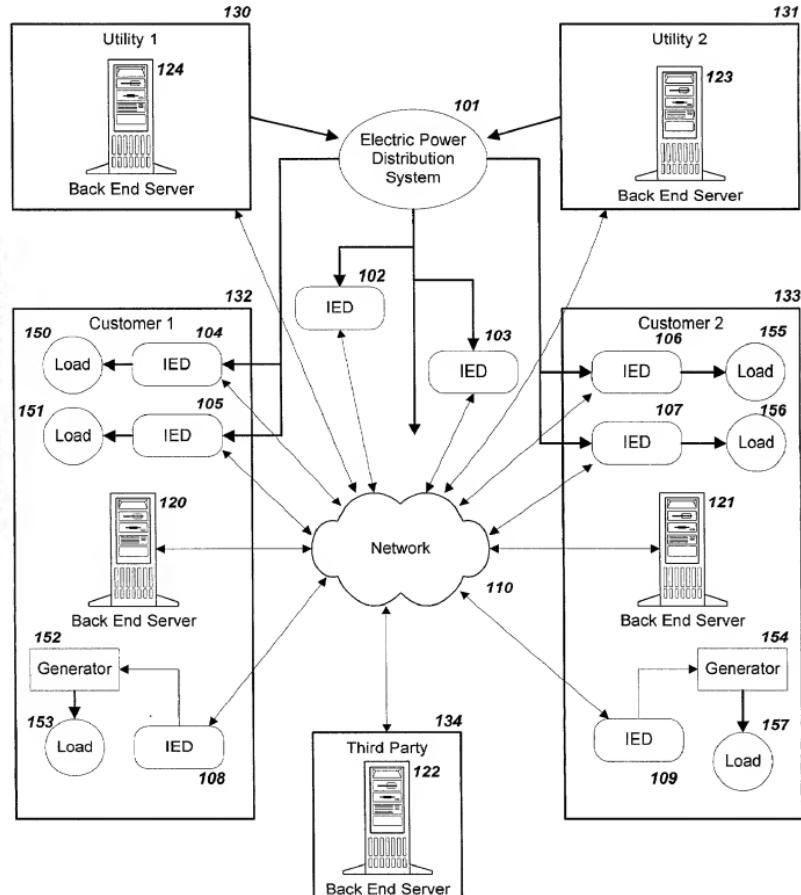
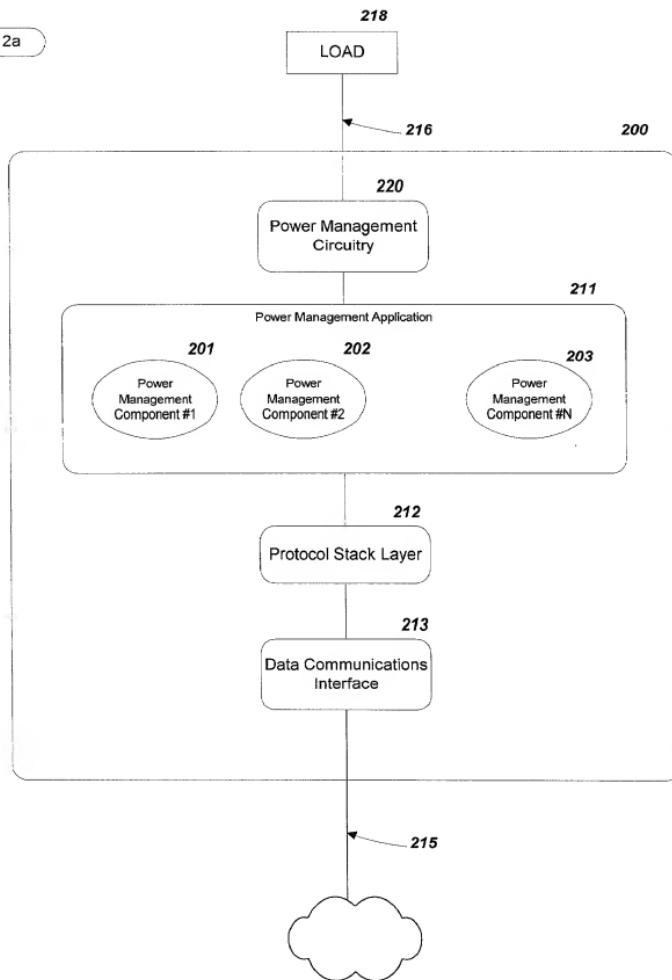
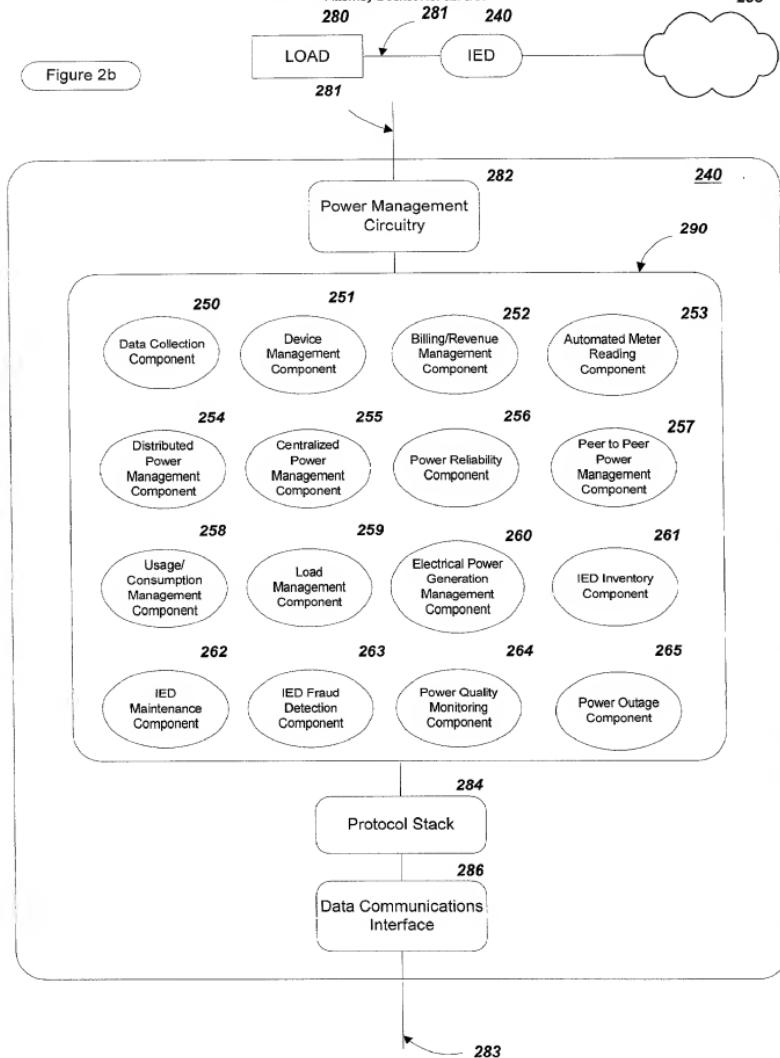


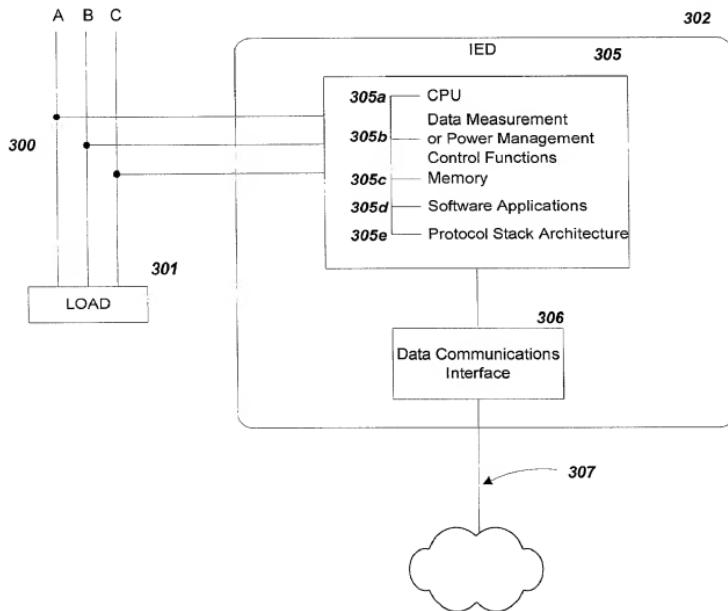
Figure 2a





Patent Application For: COMMUNICATIONS ARCHITECTURE FOR INTELLIGENT ELECTRONIC DEVICES
Inventor(s): Andrew W. Blackett, Bryan J. Gilbert, John C. Van Gorp, Michael E. Teachman, Jeffrey W. Yeo
Attorney Docket No. 6270/60

Figure 3a



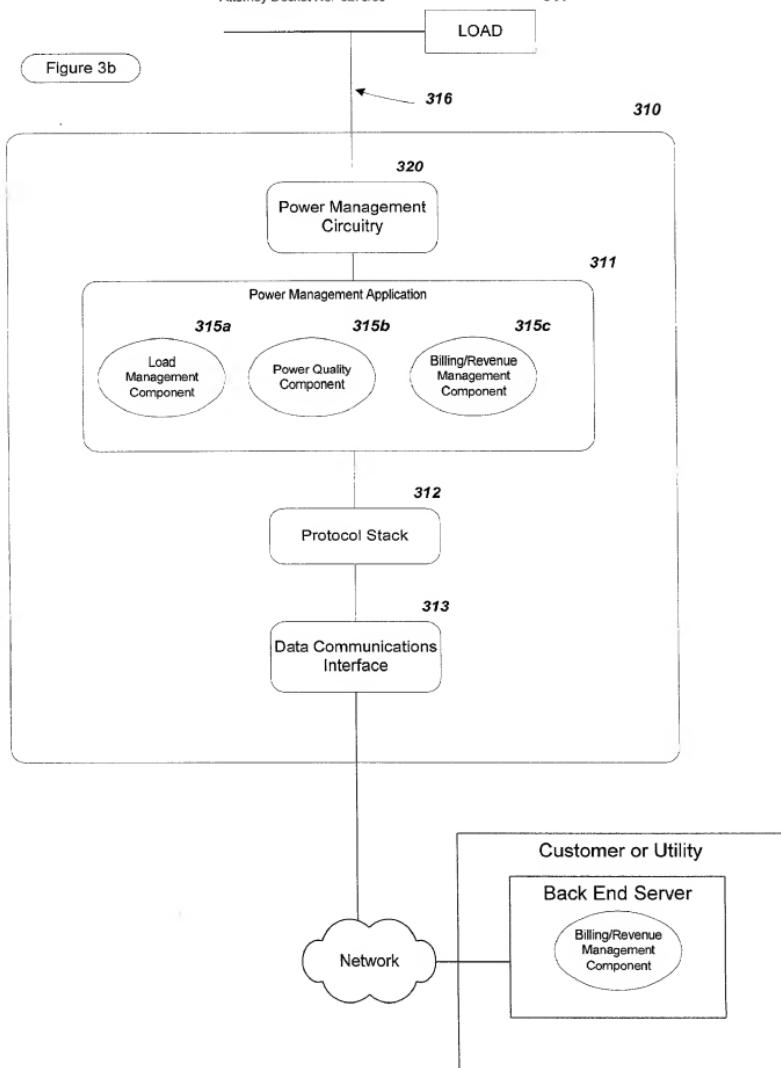
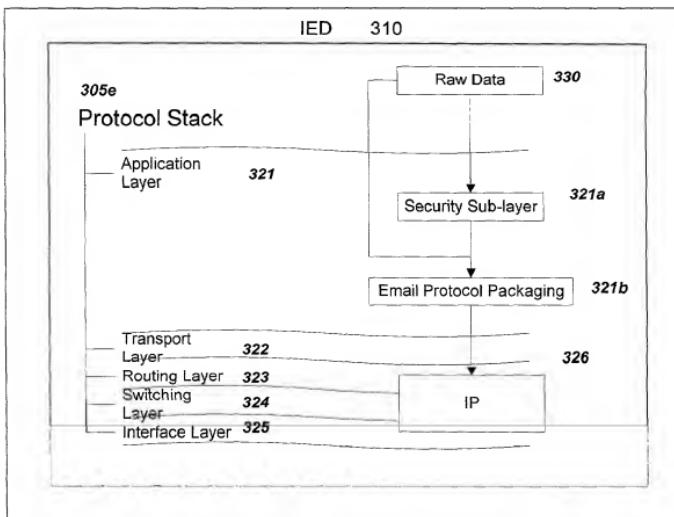


Figure 3c



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Figure 4a

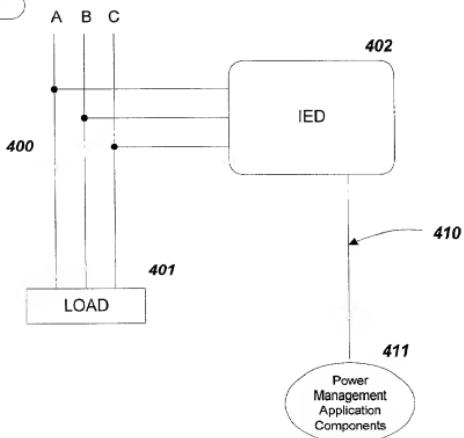
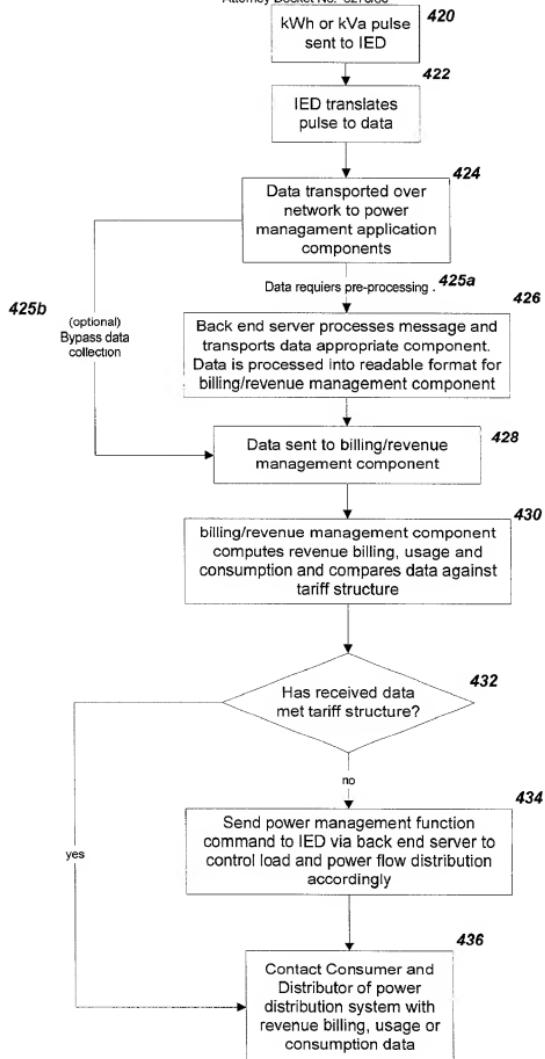


Figure 4b



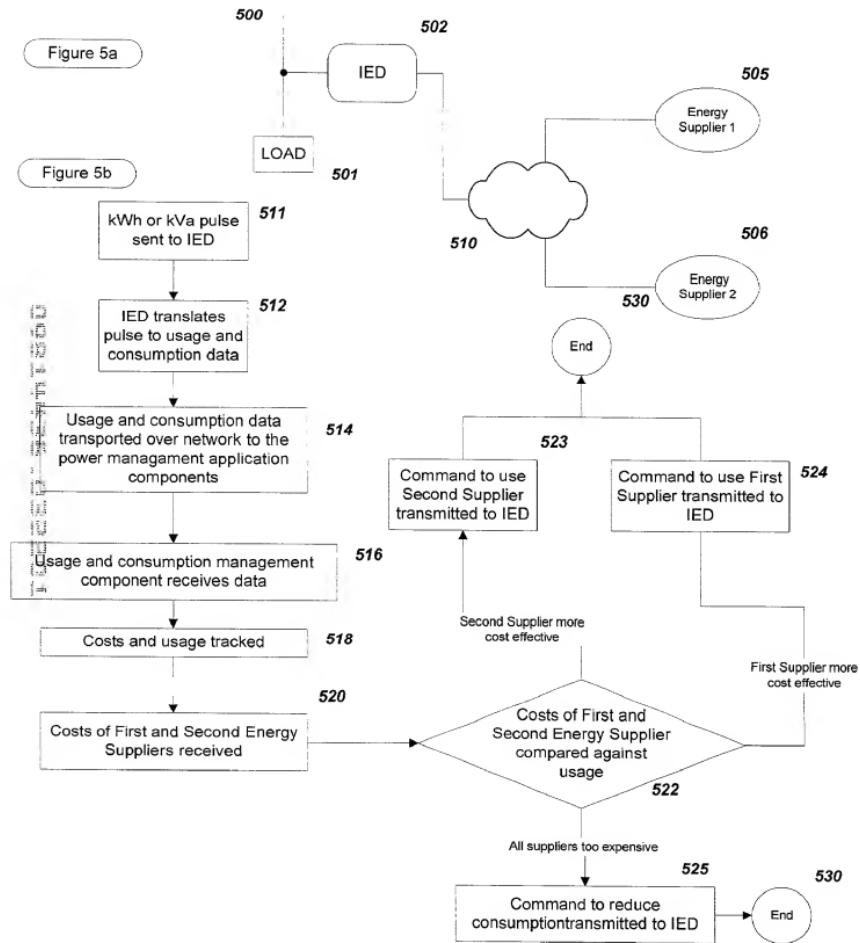


Figure 6

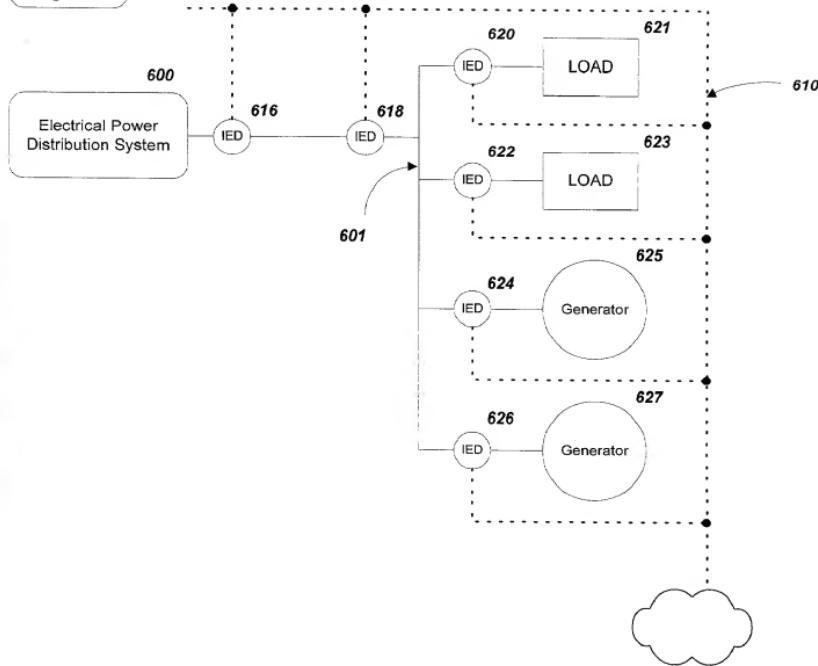


Figure 7

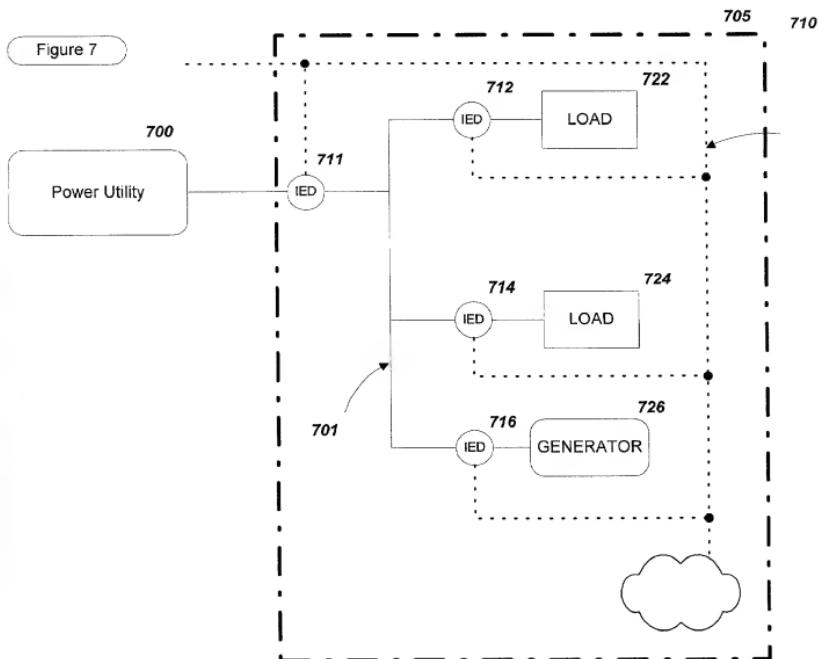


Figure 8

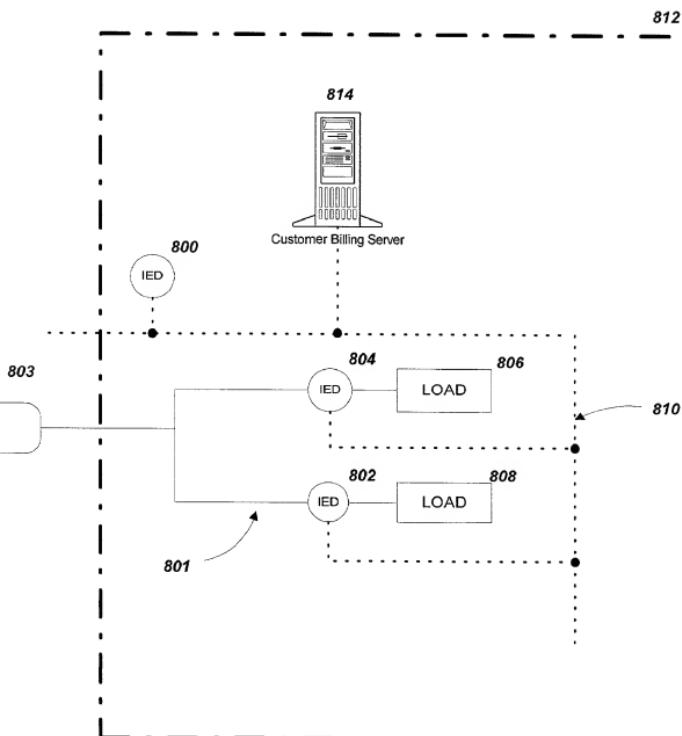


Figure 9

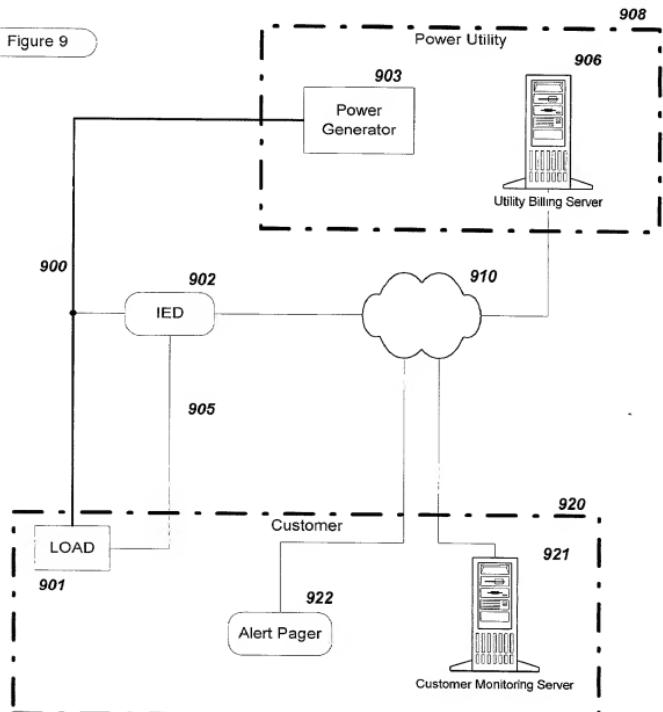


Figure 10

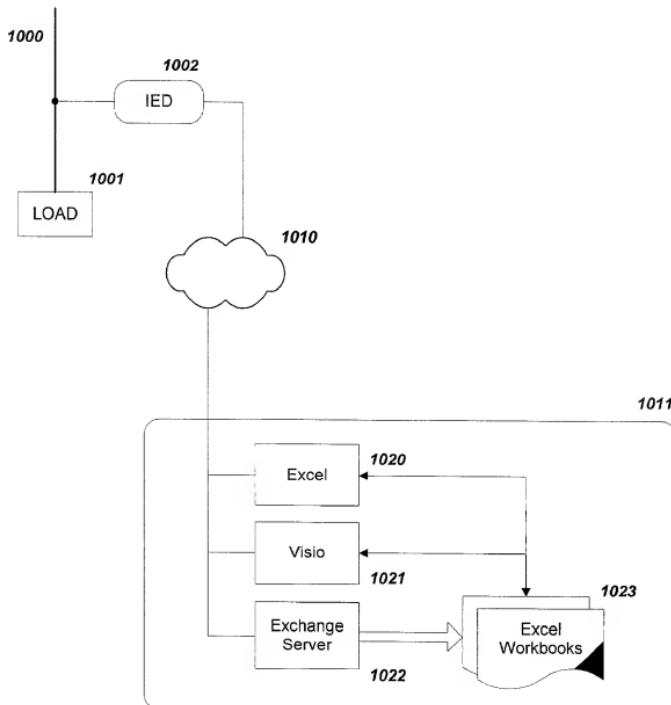
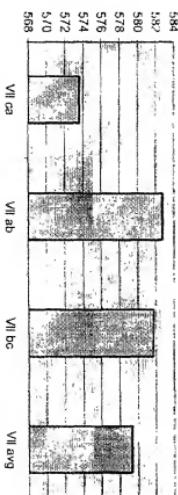


Figure 11

Site1.a8500	
LABEL	Default Diagram
l_a	197.97
l_b	207.52
l_c	237.82
Vin_c	479.28
Vin_b	371.46
Vin_ca	580.46
Vin_ab	589.1
Vil_bc	586.28
Vil_avg	585.28
Vin_avg	357.23
l_avg	214.44
PF sign tot	-94
Freq	59
CL1 LocalTime	08:32:59
Some features to implement:	
Auto-detection: Excel could automatically add a worksheet (a "tab" below) when it detects a new device on the network	
Complex Aggregation: Because it is Excel, you can do anything you want, easily	
Logging: You could write simple scripts to log the values on the left to an Access DE	
Animation: Charts, warnings, etc	
Onboard logs could be displayed easily	
Default diagrams, we just need to create an excel template for each device	
Change Update Rate Type in the number of seconds you would like between page updates and hit <RETURN>	
10	

Sum of Currents:
643.31

Formula-based Setpoint:
OVER 550 Volts



GRAPHICAL VOLTAGES

SCANNED # 7

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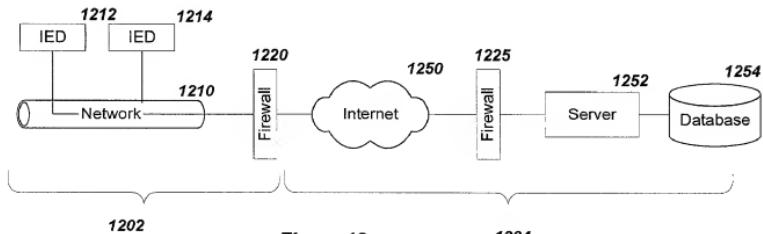


Figure 12

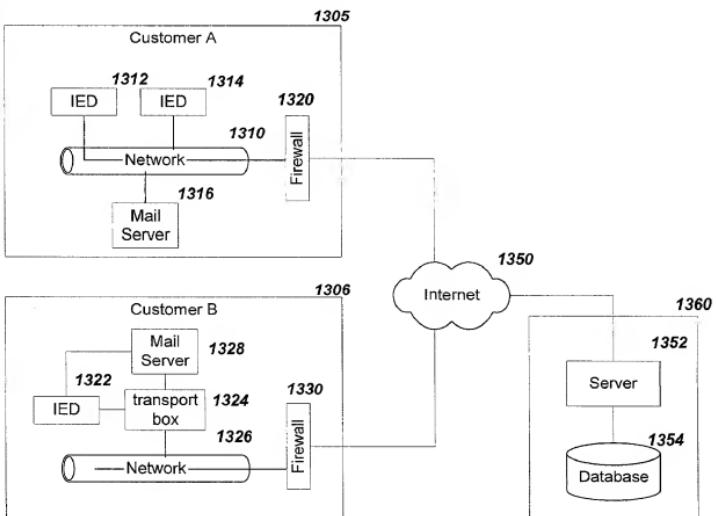


Figure 13

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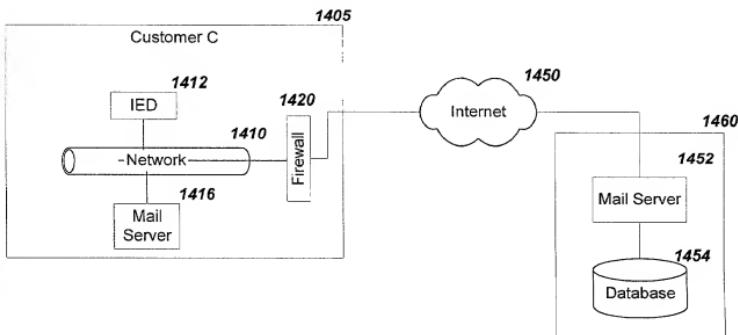


Figure 14